

DERWENT-ACC-NO: 1990-190781

DERWENT-WEEK: 199025

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TITLE: Laser device removing beams from e.g. chickens
- has beak locating hole with carbon di:oxide laser
beam deflected onto it by movable mirror activated
by break in beam detected by photocell

PATENT-ASSIGNEE: MEYN BV [MEYNN]

PRIORITY-DATA: 1988NL-0002812 (November 15, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
NL <u>8802812</u> A	June 1, 1990	N/A
000 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
NL 8802812A	N/A	1988NL-0002812
November 15, 1988		

INT-CL (IPC): A61D001/00

ABSTRACTED-PUB-NO: NL 8802812A

BASIC-ABSTRACT:

The cutter is formed by a laer. The beam is moved backwards and forwards over the beak to cut and remove it. A mirror is placed in the path of the laser beam which can be moved to and fro to turn the beam through a reflecting angle.

The beak is centralised in an opening, and this registers a break in the light beam from a light source at a photocell. The signal is sent to a control unit which activates the moving parts and the laser. The mirror is turned

so that
the beak is burnt off by the laser.

USE/ADVANTAGE - Reduced infection over using knife for chickens
allowing eating
directly afterwards.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: LASER DEVICE REMOVE BEAM CHICKEN BEAK LOCATE HOLE CARBON
DI OXIDE

LASER BEAM DEFLECT MOVE MIRROR ACTIVATE BREAK BEAM DETECT
PHOTOCELL

DERWENT-CLASS: P32 S05

EPI-CODES: S05-B;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-148389

